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Part N	o.					Scrap	1		Machining	Small Fab	Pro	d. Eng. Coor.	コ	Quality
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Work Order April-04-14 10:2		5887		*1	1588	R7*							Page 2
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		an:	Date:	Tooling: SPC (Y/N)	): 		ite:			Run	Start Stop	^IVI	R1* R <i>2</i> *
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		Crushing				Countersink	<u>_</u>	-1	gned/off center	-	Positioned		
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	_	Marks/Ch			<u> </u>	Drill Holes		Off-set					
			Finish		4	Calibration			****				
	Wave/Twist in Tube				Fit/Function	L	Out of	Sequence					

April-04-14 10:24:14 AM

Work Order ID: 115887

\*115887\*

Parent Item:

D3428-1

\*D3428-1\*

Parent Item Name: Placard

**Start Date:** 4/04/14

Required Date: 4/04/14

**Start Qty: 12.00** 

Required Qty: 12.00

Comments:

IPP:

A05.08.10New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Prima Item Locati	•/	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3428-1P		Purchased	No	İ	110	Each	0.0000	1	12	1		
*D0400 41	<b>□</b> *							44		4	/ /.	(10)

\*I)3428-1P\*

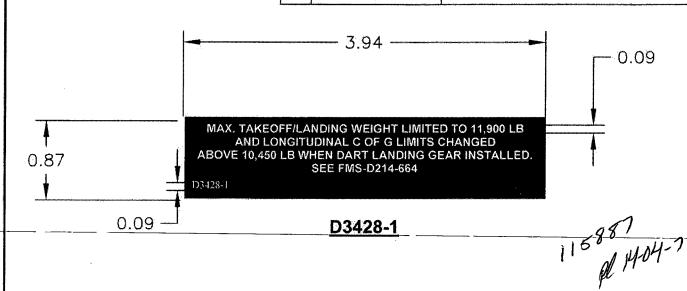
Placard

DQA:			Date:												
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPI				AEROSPACE		
QA Closed:			Date:								vork Ordei	update only			
Work Orde	er:					DISPOSITION				AGAINST D	NST DEPARTMENT/PROCESS				
	_					Rework			Skid-tube	Crosstube		Water Jet	Engineering		
Part N	lo.					Scrap		Machining Small Fab			┥ ,	Prod. Eng. Coor.	Quality		
	-		*****			Use-as-is	1 1	Therr	moforming	Finishing	Rec/S	tore/Packaging	Other		
NCR N	lo.					Suspected Unapproved			Large Fab	Composite		Supplier			
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	-	Cuffs			<u> </u>	Contamination	$\vdash$	4	tions Incomplete/Ur	nciear	Part Mo		Wrong Stock Pulled		
		Crushing			<u> </u>	Countersink	-	-	gned/off center	-	_	ed Wrong	Othor		
	$\vdash$	Heat Trea			$\vdash$	Cut Too Short	-	Mislab		<u>[</u>	Power Lo	oss/Surge	Other		
		Inspectio	-	Tube		Drawing	$\vdash$	Misrea							
	_	Marks/Cl				Drill Holes	-	Off-set							
	<u> </u>	Turning S			<u> </u>	Finish	$\vdash$	4	Calibration						
1	Wave/Twist in Tube		Fit/Function	1	Out of	Sequence									





DESIGN PH	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED IN	APPROVED A	DRAWING NO:	REV. A
#	1 St	D3428	SHEET 1 OF 1
DATE		TITLE	SCALE
05.06.07	A 11-14-14-18	PLACARD	1:1
A	05.06.07	NEW ISSUE	



RELEASED



- 1) MATERIAL: WHITE LETTERS ON BLACK ADHESIVE BACK
  MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP
  OR AVERY IPM #2031
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED.

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Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

## **PURCHASE ORDER**

## Purchase Order ID PO23687

Purchase Order Date 4/7/2014 PO Print Date 4/8/2014

Page Number 1 of 2

Order From:

STUDIO DE LETTRAGE 2001 210 MAIN WEST HAWKESBURY, ON K6A 2H6

CA

VC-STU001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

- (EX) 4/04/08

\$6.67

\$80.00

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

613 632 5449

Yours ppd

Placard

Buyer

Brigitte Golden

5.15

Customer POID
Customer Tax #

Terms

10127-2607 Net 30

Currency

CAD

FOB

Destination-Collect

Star	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req-Date/—CD— Taxable Promise Date	Req Qty/ Unit of Measure	——————————————————————————————————————	Extended Price
	D3268-1P	Placard	4/9/2014	12.00	\$6.67	\$80.00
2	AS PER DWG D3268 REV:A	B115640	Yes 4/11/2014	Each		
					Line Total:	\$80.00
. I	D2137P	Decal - No Step	4/9/2014 Yes	20.00 Each	\$4.00	\$80.00
A	AS PER DWG D2137 JAN 29	-1992 B115783	4/11/2014			
					Line Total:	\$80.00

4/9/2014

4/11/2014

Yes

12.00

Each

Note:

AS PER DWG D3428 REV:A B115887

D3428-1P

# Studio de Lettrage

210 Main Street W Hawkesbury, Ontario K6A 2H6

# INVOICE

Invoice No.:

21971

Date:

Page:

04/10/2014 04/09/2014

Ship Date:

0-17-00

Re: Order No.

WO12216

Sold to:

5

Dart Aerospace Ltd

1270 Aberdeen Hawkesbury, Ontario K6A 1K7 Ship to:

Dart Aerospace Ltd

Hawkesbury, Ontario

**Business No.:** 

82500 7651 RT0001

Item No.	Unit	Quantity	Description	Tax	Unit Price	Amount
		20 12	PO# 23687 D3268-1P D2137P D3428-1P PO Chantal Lavoie	H H H	6.6667 4.0000 6.6667	80.00 80.00 80.00
			H - HST 13% HST			31.20
•						
		n e est est				
Studio de Lettrage		· · · · · · · · · · · · · · · · · · ·				
Shipped By:  Comment: Ave	Tracking N	lumber:	* •		Total Amount	271.20
Sold By:						

****Certificate o	f Conformity****							
Studio Lettrage 2001								
	Part #: Serial #:							
Description: D3268-1P, D2317-P,	Quantity:							
P3428-1P	44 Decals Total							
Certification:								
We hereby certify that:								
The above the listed items were manufact	ured; repaired and/or inspected in							
accordance with applicable drawings and/or specifications;								
All work was accomplished in accordance with the Dart Aerospace Purchase Order;								
<ol> <li>Results of all inspections, chemical or phys which shows the acceptability of raw materi components are on file and available for ins</li> </ol>	als, parts and/or assembly							
Authority:								
AVERY								
APPROVAL: Natasha B. Laftêche	DATE:							
Signature: With	April 9th 2014							
Title: JOB Coordinator								

### PRODUCT DATA SHEET



# Avery<sup>®</sup> IPM™ 2031

issued: 01/04/2005

Introduction

Avery® IPM™ 2031 is a high quality pressure-sensitive vinyl film, designed for use on wide format inkjet printers. Avery® IPM™ 2031 has excellent printing properties, allowing crisp print quality with bright and vibrant colours. Avery® IPM™ 2031 offers rapid ink drying and a water-resistant material. It combines good adhesion during its life and easy removal afterwards.

Description

Facefilm:

80-micron premium white calendered, topcoated vinyl.

Adhesive:

removable, acrylic based

Backing paper: one side coated kraft paper, 140 g/m<sup>2</sup>

#### **Features**

- Excellent printability
- Vibrant and bright colours
- Crisp print quality
- Spray water resistant wit specific pigmented inks
- Good adhesion, excellent removability
- Warranty on outdoor durability

Recommendations for use

A wide variety of full-colour graphics for indoor - and **short/medium term outdoor** applications such as posters, murals, displays, exhibition stands, vehicle graphics etc. Avery<sup>®</sup> IPM™ 2031 is suitable for application to a wide variety of substrates and will remove cleanly for up to 1 year after application.

IPM media should be handled with care as any surface contamination may affect the print quality. Media should be processed in an environment of 15-25°C and 30-70% relative humidity. After drying, the finished prints should be wrapped in polyethylene film and despatched flat or rolled with the printed side facing outwards. To protect prints against water, UV/light and abrasion, overlamination with a clear film is recommended. For specific details of Avery® DOL combinations, refer to "Technical Bulletin 5.3. Recommended combinations of Avery® Overlaminates and Avery® Digital Print Media"

Always test your combination of Avery<sup>®</sup> IPM™ medium, inkjet printer and inks prior to commercial use.

Compatibility

Avery<sup>®</sup> IPM<sup>TM</sup> 2031 is compatible with a broad selection of inkjet printers, when printing with pigmented, water based inks. For specific details refer to "<u>Technical Bulletin 5.6</u> Avery Dennison Inkjet Print Media - Printer compatibility".

**Durability:** 

Avery<sup>®</sup> IPM<sup>™</sup> 2031 is warranted for outdoor use in conjunction with pigmented outdoor inks from HP, Encad and Colorspan. The warranted period varies from type of application and type of overlaminate from 18 months up to 5 years. For full details, see our Avery<sup>®</sup> IPM<sup>™</sup> Outdoor warranty.





## PRODUCT CHARACTERISTICS

#### Physical properties

**Features** 

Caliper, facefilm

Gloss

Dimensional stability

Adhesion, initial Adhesion, ultimate

Flammability

Accelerating ageing

Shelf life Removability

Not when applied to: Nitro-cellulose paints, ABS, Polystyrene, certain types of PVC

Durability<sup>2</sup>

Overlaminated with DOL 4300

FINAT FTM-1, stainless steel

FINAT FTM-1, stainless steel

DIN 53587, 500h exposure

Stored at 22° C/50-55 % RH

Overlaminated with DOL 1000, DOL 1100

Without overlaminate and used for static,

with overlaps

Test method1

ISO 2813, 20°

**ISO 534** 

**DIN 30646** 

Overlaminated without overlaps

for static applications only

Non-abrasive application ONLY

Results

80 µm

1%

0.3 mm. max 180 N/m

260 N/m

Self extinguishing

No negative impact on film

Performance

up to 1 year

2 years

5 years

3 years

2 years

18 months

Only when printed with ENCAD GO, HP and Colorspan pigmented inks and when properly applied in accordance with our application instructions. Only applicable for vertical exposure.

### Temperature range

**Features** 

Application temperature Service temperature

Results

Minimum: +10°C -20°C to +80°C

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

Avery branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

More information about our test methods can be found on our website.

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.





**Graphics Division** Rindijk 86, P.O. Box 118 2394 ZG Hazerswoude - The Netherlands Tel +31 71 3421500 - Fax +31 71 3421538